

WHAT IS CLAIMED IS:

1. A multi-piece solid golf ball comprising a core consisting of a center, an intermediate layer formed on the center and an outer layer formed on the intermediate
5 layer, and a cover covering the core, wherein

the center has a diameter of 10 to 20 mm and a central point hardness in JIS-A hardness of 30 to 85,

the intermediate layer has a surface hardness in Shore D hardness of 30 to 55,

10 the outer layer has a hardness in Shore D hardness of 55 to 70, and

the cover has a Shore D hardness of 35 to 55 and a thickness of 0.3 to 1.5 mm.

2. The multi-piece solid golf ball according to
15 Claim 1, wherein the center, intermediate layer and outer layer comprise a cis-1,4-polybutadiene rubber as a main component.

3. The multi-piece solid golf ball according to Claim 1, wherein the cover comprises polyurethane-based
20 thermoplastic elastomer as a main component

4. The multi-piece solid golf ball according to Claim 1, wherein the polyurethane-based thermoplastic elastomer is formed by using cycloaliphatic diisocyanate.

5. The multi-piece solid golf ball according to
25 Claim 1, wherein the center has a diameter of 10 to 19 mm

and a central point hardness in JIS-A hardness of 30 to 80.